

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT2004/000117

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/11 A61K48/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MONTELEONE G ET AL: "BLOCKING SMAD7 RESTORES TGF-BETA1 SIGNALING IN CHRONIC INFLAMMATORY BOWEL DISEASE" JOURNAL OF CLINICAL INVESTIGATION, NEW YORK, NY, US, vol. 108, no. 4, August 2001 (2001-08), pages 601-609, XP001152527 ISSN: 0021-9738 page 602, right-hand column, line 15 - line 21 page 607, right-hand column, paragraph 2	1-16
Y	US 6 159 697 A (COWSERT LEX M ET AL) 12 December 2000 (2000-12-12) column 40 - column 42	1-16 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

5 August 2004

Date of mailing of the International search report

18/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KRIEG A M: "Mechanisms and applications of immune stimulatory CpG oligodeoxynucleotides" BIOCHIMICA ET BIOPHYSICA ACTA . GENE STRUCTURE AND EXPRESSION, ELSEVIER, AMSTERDAM, NL, vol. 1489, no. 1, 10 December 1999 (1999-12-10), pages 107-116, XP004275526 ISSN: 0167-4781 page 111, right-hand column, paragraph 5 page 113, left-hand column, paragraph 1</p> <hr/>	1-16
A	<p>US 2002/034736 A1 (FALB DEAN A ET AL) 21 March 2002 (2002-03-21) page 25, right-hand column, paragraph 243 - paragraph 245</p> <hr/>	1-16

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